

Ripped
from the
ROUNDUP

Ripped straight from the pages of old Space News Roundups, here's what happened at JSC on this date:

1970

A man who lost his son at sea and has since dedicated himself to the development of water accident and survival equipment, plans to market the special life raft carried aboard all U.S. human spacecraft.

His long search for equipment that might have saved his son's life ended with the discovery that NASA holds a patent for just such a life raft.

Now Robert J. Perchard, of Bourne, Mass., as an individual entrepreneur, has obtained an exclusive, royalty-free patent license from NASA to manufacture and sell an inflatable life raft developed for use in the manned space flight program.

The inflatable, non-tippable raft with a radar reflective surface was developed by NASA during 1959-61 for the future needs of astronauts' safety. The raft was made part of the personal survival equipment aboard all human spacecraft vehicles.

1980

The Orbiter Integrated Test, which was completed on Friday, January 18, put *Columbia* through all phases of a mission and was described by test officials at KSC as a "total success."

After the test, prime crew member Astronaut Robert Crippen said, "The shuttle is a really spectacular machine which will do a lot for this country." Fellow crewman, John Young said the *Columbia* performed "like a champ."

1990

Columbia, shimmering in the early morning glow of Edwards Air Force Base runway lights, returned to Earth on Saturday after accomplishing its goals and setting space shuttle endurance and landing weight records.

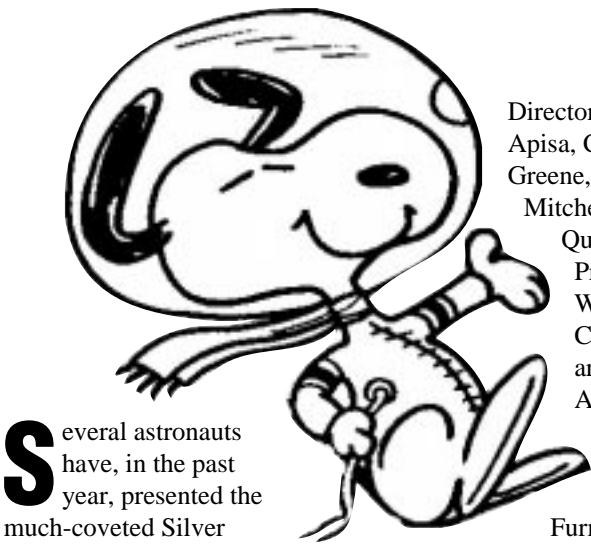
The Orbiter and its crew – Commander Dan Brandenstein, Pilot Jim Wetherbee, and Mission Specialists Bonnie Dunbar, Marsha Ivins, and G. David Low – landed in California at 3:35 a.m. CST Saturday after spending 10 days, 21 hours and 38 seconds in orbit.

ROUNDUP

Frosch, Yardley cover new space technology in STS development



Astronauts present Silver Snoopy awards



Several astronauts have, in the past year, presented the much-coveted Silver Snoopy Award to seventy-five JSC employees.

Civil service employees honored with Silver Snoopy awards are Lisa Navy, Office of the Director; Scott Wood, Human Resources Office; Billie Deason, Public Affairs Office; Carol Neeley, Office of Procurement; John Yaniec, Flight Crew Operations Directorate; Robert Force, Aaron Goldenthal, Michael Jensen, Leong Lew, Randall McDaniel, and Deborah Musgrove, Missions Operations Directorate; Michael Fowler, Heather Hinkel, Steve Martin, Calvin Schomburg, William Spenny, Emily Strickler, Scott Swan, Keith Van Tassel, and Lui Wang, Engineering Directorate; Kenneth Woodfin, Information Systems

Directorate; David Hickens and Dominic Apisa, Center Operations Directorate; Jay Greene, Raphael Grau, Lois Lenox, Brian Mitchell, Warren Pattison, and Naveen Quraishi, International Space Station Program; and Dave Baker at the White Sands Test Facility.

Contractor recipients of the award are Gerard Nault, Air-Lock; Edwin Alberson, John Claffy, David Huskey, Antonio Mirabel, Claire Rasmussen, Martin Reffner, Thomas Rethwisch, Furman Smith, and Ben Swartz, Honeywell; James Stramler, Barrios Technology; Philip Shannahan, Blackhawk Management Corporation; James Auman, Robert Boyle, Eric Newman and Donna Ray, Hamilton Sundstrand; Todd Gauer, Hernandez Engineering Inc.; Patricia Donnelly, ILC-Dover; Alicia Gaskin, Mark Ovesny, Gillian Parker, Tyson Richmond, and Lawrence Thomas, Johnson Engineering Company; Paul Goodwin and Teresita Greenfield, L&M Technologies; Jeff Hoblit, Ken Huffman, and Erin Orgeron, Lincom Corporation; Henry Ansley, Dee Ann Haney, Margaret Klee, Eric Perry, Donald Woeltjen, Lockheed Martin Space Mission Systems & Services; Barry Martin, Raytheon; Kevin Berry,

Eric Clark, Michael Moore, Melinda Mudd, and Michael Penney, Science Applications International, Inc.; Ludmilla Tsurikova, Tech Trans International, Inc.; Roscoe Lee, TRW; Emiko Lee, Tsukuba Space Center in Japan; Michael Knapp and Donald Reed, United States Army; and Annie Lenhart at the United States Embassy in Paris, France.

The Silver Snoopy Award, administered by the Space Flight Awareness Program, is the astronauts' personal award to individuals who have performed an outstanding effort contributing to the success of human space flight missions. Since the Snoopy represents the astronauts' own recognition of excellence and less than one percent of the NASA and contractor workforce is given the award, receiving it is a special honor.

More Silver Snoopy presentations are planned this year. An indication of a surprise presentation is the special blue Snoopy "Symbol of Excellence" poster on display in work areas. Any individual whose job performance has contributed significantly to flight safety and mission success is eligible for this very special award. ■

GILRUTH CENTER NEWS

Sign up policy:

All classes and athletic activities are on a first-come, first-served basis. Sign up in person at the Gilruth Center and show a yellow Gilruth or weight room badge. Classes tend to fill up two weeks in advance. Payment must be made in full, cash or by check, at the time of registration. No registration will be taken by telephone. For more information, call x33345

Gilruth badges:

Required for use of the Gilruth Center. Employees, spouses, eligible dependents, NASA retirees and spouses may apply for photo identification badges from 7:30 a.m.-9 p.m. Monday-Friday and 9 a.m.-2 p.m. Saturdays. Cost is \$10. Dependents must be between 16 and 23 years old.

Open from 6:30 a.m.-10 p.m. Monday-Thursday, 6:30 a.m.-9 p.m. Friday, and 9 a.m.-2 p.m. Saturday. Contact the Gilruth Center at (281) 483-3345. <http://www4.jsc.nasa.gov/ah/exceaa/Gilruth/Gilruth.htm>

Nutrition intervention program:

Six-week program includes lectures, a private consultation with the dietitian and blood analysis to chart your progress. Program is open to all employees, contractors and spouses. For details call Tammie Shaw at x32980.

Defensive driving:

One-day course is offered once a month at the Gilruth Center. Pre-registration required. Cost is \$25. Call for next available class.

Stamp club:

Meets every second and fourth Monday at 7 p.m. in Rm. 216.

Weight safety:

Required course for employees wishing to use the Gilruth weight room. Pre-registration is required. Cost is \$5. Annual weight room use fee is \$90. The cost for additional family members is \$50.

Exercise:

Low-impact class meets from 5:15-6:15 p.m. Mondays and Wednesdays. Cost is \$24 for eight weeks.

Step/bench aerobics:

Low-impact cardiovascular workout. Classes meet from 5:15-6:15 p.m. Tuesdays and Thursdays. Cost is \$32 for eight weeks. Kristen Taraszewski, instructor.

Yoga:

Stretching class of low-impact exercises designed for people of all ages and abilities in a Westernized format. Meets Thursdays 5-6 p.m. Cost is \$32 for eight weeks. Call Darrell Matula, instructor, at x38520 for more information.

Ballroom dancing:

Classes meet Thursdays from 6:30-7:30 p.m. for beginner, 8:30-9:30 p.m. for intermediate and 7:30-8:30 p.m. for advanced. Cost is \$60 per couple.

Country and western dancing:

Beginner class meets 7-8:30 p.m. Monday. Advanced class (must know basic steps to all dances) meets 8:30-10 p.m. Monday. Cost is \$20 per couple.

Fitness program:

Health-related fitness program includes a medical screening examination and a 12-week individually prescribed exercise program. For details call Larry Wier at x30301.

Aikido:

Martial arts class for men and women meets 5-6 p.m. Tuesdays and Wednesdays. No special equipment or knowledge is needed to participate. Aikido teaches balance and control to defend against an opponent without using strength or force. Beginning and advanced classes start each month. Cost is \$35 per month.

TICKET WINDOW

The following discount tickets are available at the Exchange Stores

General Cinema Theaters	.....	\$5.50
Sony Loew's Theaters	.....	\$5.50
AMC Theaters	.....	\$5.00
Moody Gardens (2 events) (does not include Aquarium Pyramid)	.....	\$10.75
Moody Gardens (Aquarium only)	.....	\$9.25
Space Center Houston	..... adult .. \$11.00	child (age 4-11) ... \$7.25
(JSC civil service employees free.)		
Space Center Houston annual pass	.....	\$18.75
Postage Stamps (book of 20)	.....	\$6.60
Clear Lake Coupon Books	.....	\$30.00

Please bring your driver's license to pay by personal check.

Exchange Store hours

Monday-Friday

Bldg. 3	7 a.m.-4 p.m.
Bldg. 11	9 a.m.-3 p.m.

➤ All tickets are nonrefundable.

➤ Metro tokens and value cards are available.

➤ Franklin Planners now available.

For additional information, please call x35350.